

# Corrigendum: β-Cyclodextrin and Oligoarginine Peptide-Based Dendrimer-Entrapped Gold Nanoparticles for Improving Drug Delivery to the Inner Ear

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### A Corrigendum on

 $\label{eq:based} \begin{array}{l} \beta \text{-Cyclodextrin} \text{ and Oligoarginine Peptide-Based Dendrimer-Entrapped Gold Nanoparticles for} \\ \text{Improving} \end{array}$ 

### Drug Delivery to the Inner Ear

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## In the original article, there was a mistake in **Figure 9E**, panel d as published. **Figure 9E** has been redrawn and the corrected **Figure 9E** appears below.

In the original article, there was an error in section two, **Experimental Section**, whereby several descriptions for the preparation of nanocomposites CD-PAMAM-Arg8 and CD-PAMAM-Arg8/Dex were omitted.

The following correction should be made to **Experimental Section**, "2.2.3 Preparation of Nanocomposites With Drugs", paragraph 1:

"Arg8 polypeptides (lipid concentration: 1.5 mg/ml), EDC (lipid concentration: 0.2 mg/ml), and NHS (lipid concentration: 0.4 mg/ml) were added into PBS (pH = 7.4) and stirred at room temperature for 4 h. The drug-loaded nanomaterial powder (Au @CD-PAMAM) was dissolved in PBS, and then the commixture of the two solutions was obtained and allowed to react overnight at room temperature. The mixture was freeze-dried to obtain the drug-loaded nanocomposite material with targeted properties of Au @CD-PAMAM-Arg8(Au-DENPs). The free chemical residues were removed by dialysis using a 1-kDa MWCO membrane. Dexamethasone (Dex) dissolved in DMSO (concentration: 2 mg/ml) was added to the Au-DENPs. The mixed solution was stirred overnight at room temperature, filtrated with a 2-kDa MWCO membrane and freeze-dried to get Au @CD-PAMAM-Arg8/Dex (Au DENPs-Dex)."

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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**FIGURE 9** (**A**) Rapid changes in the CAP threshold of mice recorded from the facial nerve after treatment with streptomycin alone, streptomycin mixed with Dex, and streptomycin mixed with Au-DENPs-Dex (Au@CD-PAMAM-Arg8/Dex). (**B**) Comparison of hearing improvement among each group in response to 1, 2, 3, 4, 6, 8, 16, and 32 kHz; \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001, and \*\*\*\*p < 0.0001. The damage of nerve endings below the inner hair cells (**C**), spiral ganglion cells (**D**), and OHCs and IHCs (**E**) with different treatment methods under confocal microscopy.